

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Christopher D. Knight, et al.  
Serial No. 08/900,414  
Filed July 25, 1997  
For PROCESS FOR OPTIMIZING MILK PRODUCTION  
Allowed February 16, 1999  
Examiner N. Bhat  
Batch No. P14

Art Unit 1761

RECEIVED 11-7-99

MAY 27 1999

Publishing Division  
Corres/Allowed Files

RECEIVED

MAY 25 1999

Publishing Division  
Corres/Allowed Files (07)

May 17, 1999

AMENDMENT UNDER RULE 1.312

COMMISSIONER OF PATENTS AND TRADEMARKS,

Please enter the following amendment into the record of  
this case under the provisions of Rule 1.312:

IN THE CLAIMS:

Please amend claim 6 to recite:

Claim 6 (once amended). A process for formulating a  
ruminant food ration, the process comprising:

determining the methionine needs of the ruminant,  
identifying a plurality of natural or synthetic feed  
ingredients and the nutrient composition of each of said  
ingredients wherein one of said ingredients is a hydroxy analog  
of methionine selected from the group consisting of 2-hydroxy-  
4-(methylthio)butanoic acid, [or a] salts, amides [or] and  
esters thereof, and

formulating a ration from the identified feed ingredients  
to meet the determined methionine needs of the ruminant which  
comprises mixing one or more grains with a liquid comprising  
[2-hydroxy-4-(methylthio)butanoic acid] the hydroxy analog of  
methionine wherein the ration is formulated on the basis that